Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Detailed Estimated for Construction of Culverts in 3rd main road at Ravindranagara, in Shettyhalli Sub Division, In Ward No-13. Under 22.75% Grants

Est .Cost Rs. 9.99 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB-2-2:1 Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width. in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches. stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No KBS 2.1(a)/ 2 3.5. Page No 5/ Item No. 2.3/ PWD SR 2009-10	Cum							
	Culverts		2	5.90	2.40	1.50	42.48		
	RCC Drain 17th Cross Road		1	126.00	1.40	1.50	264.60		
							307.08	109.18	33527
	Basic Rate	103.00							
	Area Weightage 6%	6.18							
		109.18							
2	KSRB 4-1.3. Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No KBS . 4 1. 4.2 Page No. 12/ Item No. 4.3/ PWD SR 2009-10	Cum							
	Culverts		2	5.90	2.20	0 15	3.89		
	RCC Drain		1	126.00	1.20	0.15	22.68		
							26.57.	3153.50	83801
	Basic Rate	2,975.00							
	Area Weightage 6%	178.50							
		3,153.50							
3	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 using 20mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick. well compacted. in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No KBS : 4 1. 4 2 Page No. 12/ Item No. 4.6/ PWD SR 2009-10	Cum							

	Culv 's coping		2x2	5.90	0.45	0.10	1.06		
							1.06	3845.68	**4084**
	Basic Rate	3,939.00							
	Area Weightage 6%	236.34							
		4,175.34							
4	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-15 (1:2:4) for raft foundation, column footing, main and secondary beams. Page No. 17/ Item No. 4.48 1/ PWD SR 2009-10	Cum							
	Culverts covering		2	5.90	1.80	0.23	4.89		
	For Culvert Side Walls		2x2	5.90	(0.75+0.45)/2	0.90	12.74		
	RCC drain Walls		2x1	126.00	0.15	0.75	28.35		
	Bed		1	126.00	1.20	0.10	15.12		
							61.10	4386.28	267998
	Basic Rate	4,138.00							
	Area Weightage 6%	248.28							
		4,386.28							
5	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges o slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No KBS 4.6.2 Page No. 15/ Item No. 4.36/ PWD SR 2009-10	Sqm							
	RCC drain Walls		2x2	126.00		0.80	403.20		
	CulvertWalls		2x4	5.90		0.90	42.48		
							445.68	478.44	213231
	Basic Rate	443.00							
	Area Weightage 8%	35.44							
		478.44							
6	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.	Sqm							
			1	126.00	0.90		113.40		
	Approved Rate of Precast slab	1432.15					**113.40**	1432.15	162406
	Data rate for precast slab of 100MM thick								

7	KSRB 4.9.2: providing T.M.T steel reinf cement for R.C.C work including strai ening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 16/ Item No. 4.46/ PWD SR 2009-10	Q							
							42.77	5031.14	215179
	Basic Rate	4,697.00							
	Area Weightage 6%	334.14							
		5,031.14							
8	Conveying the excavaed earth to a distance of 2kms with all lead & lifts including loading & unloading charges etc., complete.(P-123)	Cum							
	Qty Vide Item No=1						261.60		
	Qty Limited to						**261.60**	71.34	**18662**
	Basic Rate	67.30							
	Area Weightage 6%	4.04							
		71.34							
9	Miscellaneous and unforseen Charges								**273**
								Total	**999000**
(Rupees Nine Lakhs NinetyNine Thousand Only)									

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2009-10
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Ravi. N.K.
Asst Engineer
Shettyhalli Sub-Division

Ravi. N.K.
I/c **Asst Executive Engineer**
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. EE/DD/TS/49/10-11 ದಿನಾಂಕ : 06-8-2010
ರೂ. 9.99 Lakhs (Nine Lakhs Ninety Nine Thousand only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ.ಬ.ಎ.ಟ.ಪ. ವಿಭಾಗ

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